

Publication

EP 0481232 A3 19940831

Application

EP 91115817 A 19910918

Priority

DE 4033181 A 19901019

Abstract (en)

[origin: EP0481232A2] In order for a device for testing a machine part located in a defined position, in particular a tool of a machine tool, comprising a testing element which for the purpose of carrying out a testing movement can be moved by a drive from an initial position on a track relative to the position of the machine part, and a detection circuit transmitting a testing signal, to be improved such that the latter can be used for all machine parts, is almost non-wearing and can be realised in a structurally simple fashion, it is proposed that the testing element comprises a contactless sensor and that the detection circuit records an output signal of the sensor during the testing movement and transmits the testing signal on the basis thereof. <IMAGE>

IPC 1-7

G01B 7/00; **B23B 49/00**; **G01B 7/02**; **B23Q 17/09**

IPC 8 full level

B23Q 17/00 (2006.01); **B23B 49/00** (2006.01); **B23Q 17/09** (2006.01); **G01B 7/00** (2006.01); **G01B 7/02** (2006.01); **G01M 13/00** (2006.01)

CPC (source: EP)

B23B 49/001 (2013.01); **B23Q 17/09** (2013.01); **G01B 7/001** (2013.01); **G01B 7/023** (2013.01)

Citation (search report)

- [XY] FR 2499441 A1 19820813 - BONTAZ CENTRE [FR]
- [XA] WO 8707550 A1 19871217 - MAS VERTRIEBS GMBH [DE]
- [X] EP 0006022 A1 19791212 - INOUE JAPAX RES [JP]
- [YA] DE 8519094 U1 19870102
- [E] WO 9116673 A1 19911031 - GLEASON WORKS [US]
- [DA] DE 3138603 A1 19830421 - LUDWIG RAINER
- [A] DE 3003431 A1 19810806 - LEUKHARDT ERWIN GMBH & CO [DE]
- [A] A.DUMBS ; H.LAUN: "BERÜHRUNGSLOSE VERMESSUNG VON WERKZEUGEN FÜR METALLBEARBEITUNGSMASCHINEN", TECHNISCHES MESSEN TM, vol. 51, no. N, March 1984 (1984-03-01), MUNCHEN DE, pages 97 - 103

Cited by

CN106405674A; DE102010011851B4; CN102944417A; CN102519350A; CN104858716A

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 0481232 A2 19920422; **EP 0481232 A3 19940831**; DE 4033181 A1 19920430; JP H04261754 A 19920917

DOCDB simple family (application)

EP 91115817 A 19910918; DE 4033181 A 19901019; JP 27097791 A 19911018